

Title (en)  
Driving apparatus for vehicles

Title (de)  
Antrieb für Fahrzeuge

Title (fr)  
Transmission pour véhicules

Publication  
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Application  
**EP 99308952 A 19991109**

Priority  
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Abstract (en)  
The invention provides a driving apparatus for use in vehicles of the type wherein both the front and rear wheels are driven. The apparatus effectively prevents the steerable wheels from skidding while transmitting power to the steerable wheels when turning the vehicle. The apparatus comprises a transmission unit 13 for receiving a rotational output from a main HST 50, a steerable wheel drive shaft 6 and a nonsteerable wheel drive shaft 5 for receiving the rotational output from the transmission unit and delivering the output respectively to an axle for driving the steerable wheels and an axle for driving the nonsteerable wheels, and a differential unit for rotating the drive shaft 6 at an increased speed and the drive shaft 5 at a decreased speed. <IMAGE>

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